

**United States Environmental Protection Agency
Pollution Report**



I. HEADINGS

DATE: January 12, 2000

SUBJECT: Pollution Report for the Mahoningside Power Plant Site, Warren, Trumbull County, Ohio

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POLREP 8 - Fund-lead Removal

II. BACKGROUND

Site No:	B5P4
NPL Status:	Non-NPL
Response Authority:	CERCLA
State Notification:	Ohio EPA
Mobilization Date:	October 10, 2000 (August 7, 2000 for water treatment)
Completion Date:	TBD
Latitude:	41°14'37.5" N
Longitude:	80°49'42.8" W
CERCLA Incident Category:	Removal - Fund-lead

III. SITE INFORMATION

A. Incident Category: Removal- Fund-lead

B. Site Description

1. Site Location and Background

The Mahoningside Power Plant site is located at 650 Summit Street in Warren, Trumbull County, Ohio. The geographical coordinates for the site are latitude 41°14'37.5" north and longitude 80°49'42.8" west. The site is located in a mixed residential, industrial, and commercial area. The site is bordered to the south by Summit Road. A railroad line is located to the north of the site. The west portion of the site is bound by Tod Avenue, and to the east of the site is the Mahoning River and Mahoning Avenue. There is a school within one mile of the site (to the south). Approximately one half mile to the southeast of the site is City Hall, and there is a city park less than 1/4 mile to the south.

For background information, see POLREP 1.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

On October 10, 2000, U.S. EPA initiated a removal action at the Mahoningside Power Plant site to stabilize and remove PCB and potential mercury contaminated soils, debris, and sediments. U.S. EPA has completed its initial round of cleaning sumps and drains from the basement of the former power plant. Assessments of a portion of the Mahoning River and the sub-surface beneath the former power plant have been completed. To date an estimated 413 tons of polychlorinated byphenyl (PCB) contaminated waste and 25 pounds of mercury waste have been transported off-site for final disposal. A waste water treatment system (WWTS) continues to treat PCB contaminated water that is infiltrating the structure of the former facility. On January 8, 2001, crews re-mobilized to the site to begin the second phase of this removal action.

2. Removal actions to date:

From December 8, 2000, through January 7, 2001, the Emergency Rapid Response Services contractor (ERRS) continued intermittent WWTS operation and maintenance. Site security continued on a 24-hour a day shift during this period.

On January 8, 2001, ERRS re-mobilized to the site and continued WWTS operation. ERRS mobilized the necessary equipment to begin subsurface PCB contamination removal. Site security continued during non-working hours.

On January 9, 2001, ERRS continued WWTS operation and maintenance, cleared snow and ice from on-site access-ways, and began removing concrete from the basement structure in the areas identified for subsurface excavation of contamination. Site security continued during non-working hours.

On January 10, through January 12, 2001, ERRS continued WWTS operation/maintenance and continued removing concrete from the basement structure in the areas identified for subsurface excavation of contamination. Site security continued during non-working hours.

B. Next Steps

- Remove concrete overburden and remove PCB contaminated materials.
- Conduct confirmatory sampling to verify that the appropriate PCB cleanup level has been achieved.
- Conduct extent-of-contamination survey of the heavy PCB contamination in the Mahoning River.
- Remove heavy PCB contamination from the Mahoning River.
- Sample and characterize abandoned fuel oil tank and pit.
- Transport and dispose of excavated contaminated materials.
- Backfill excavation pits.
- Conduct final clean-out of sumps, drains, and lines in the structure.
- Coordinate future site activities with all involved parties.

C. Key Issues

- It is anticipated that this U.S. EPA removal action will fully address contamination regulated under the Toxic Substances Control Act (TSCA) for PCBs. Once the site is cleared by TSCA it will be turned back over to the City of Warren.
- U.S. EPA, Ohio EPA, the City of Warren, and the City's contractors are currently coordinating the transition of the site from this time-critical removal action to Ohio EPA's Voluntary Action Program (VAP). The VAP will then support the site so it can work toward redevelopment.

V. Cost Information

Estimated Costs To Date (as of 01-10-01):

ERRS	\$431,548
EPA	\$ 25,600
<u>START</u>	<u>\$ 23,081</u>
Total	\$480,229

VI. Disposition of Wastes

<u>Wastestream</u>	<u>Est. Quantity (total)</u>	<u>Disposal Method</u>	<u>Disposal Facility</u>
Waste polychlorinated biphenyls (PCBs), solid	413 tons	Landfill	CWM-Chemical Services LLC, Model City, NY
Waste mercury, solid	25 lbs	Treatment and Landfill	Bethlehem Apparatus Hellertown, PA